Please type a plus sign (+) inside this box → +

PTO/SB/05 (4/93)
Approved for use through 09/30/2000. OMB 0651-0632
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## UTILITY **PATENT APPLICATION** TRANSMITTAL

Attorney Docket No. 00AB154 First Inventor or Application Identifier Gary Dan Dotson, et al RASTER ENGINE WITH PROGRAMMABLE MATRIX. (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No.  ${
m EF142130698US}$ 

	APPLICATION ELEMENTS napter 600 concerning utility patent application contents.	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application
1 1 · F	Fee Transmittal Form (e.g., PTO/SB/17)	5. Microfiche Computer Program (Appendix)
2. Sp	pecification [Total Pages 54]	Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)
	referred arrangement set forth below) Descriptive title of the Invention	a. Computer Readable Copy
	Cross References to Related Applications	b. Paper Copy (identical to computer copy)
l .	Statement Regarding Fed sponsored R & D  Reference to Microfiche Appendix	c. Statement verifying identity of above copies
	Background of the Invention	ACCOMPANYING APPLICATION PARTS
8	Brief Summary of the Invention	7. Assignment Papers (cover sheet & document(s))
	Brief Description of the Drawings ( <i>if filed)</i> Detailed Description	37 C.F.R.§3.73(b) Statement Power of
	Claim(s)	(when there is an assignee) Attorney
^	Abstract of the Disclosure	9 English Translation Document (if applicable) Information Disclosure Copies of IDS
3. 🖊 Dr.	rawing(s) (35 U.S.C. 113) [Total Sheets 42]	10. Statement (IDS)/PTO-1449 Citations
4. Oath or I	Declaration [Total Pages 2]	11. Preliminary Amendment
а. 🚺	Newly executed (original or copy)	12. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
b.	Copy from a prior application (37 C.F.R. § 1.63	* Small Entity Statement filed in prior application
"	DELETION OF INVENTOR(S)	13. Statement(s) Status still proper and desired
	Signed statement attached deleting inventor(s) named in the prior application	Certified Copy of Priority Document(s) (if foreign priority is claimed)
	see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	15. Other: Express Mail Certificate
FEES, A SMA	ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTIT ALL ENTITY STATEMENT IS REQUIRED (37, C.F.R. § 1.27), EXCEP D IN A PRIOR APPLICATION IS RELIED UPON (37, C.F.R. § 1.28).	
		supply the requisite information below and in a preliminary amendment:
	ontinuation Divisional Continuation-in-part ( plication information: Examiner	(CIP) of prior application No:/
For CONTINU	JATION or DIVISIONAL APPS only: The entire disclosure	e of the prior application, from which an oath or declaration is supplied nying continuation or divisional application and is hereby incorporated by
	he incorporation <u>can only</u> be relied upon when a portion	has been inadvertently omitted from the submitted application parts.
	17. CORRESPOND	ENCE ADDRESS
Custom	ner Number or Bar Code Label (Insert Customer No. or At	or 🗹 Correspondence address below tach bar code label here)
Name	Rockwell Automation/Allen-Bradley	Company
	John J. Horn, Esq.	
Address	Patent Department/704P Floor 8-T29	
	1201 South Second Street	WI Zip Code 53204
C#-	Milwaukaa	
City	Milwaukee State	
City Country Name (F	Telephone	V1   219 COOP   33204

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

00AB154

PTO/SB/17 (2/98)
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	Complete if Known			
FEE TRANSMITTAL	Application Number			
Patent fees are subject to annual revision on October 1.	Filing Date	Herewith		
These are the fees effective November 10, 1998.	First Named Inventor	Gary Dan Dotson, et al.		
Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Examiner Name			
See 37 C.F.R. §§ 1.27 and 1.28.	Group / Art Unit			

Attorney Docket No.

856.00

TOTAL AMOUNT OF PAYMENT (\$)

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)								
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDIT Large Entity Fee Fee Code (\$)		ty	Fee Paid					
Account Number 01-0857	105 130	205 65	Surcharge - late filing fee or oath						
Deposit Account Name Allen-Bradley Co., Inc.	127 50	227 25	Surcharge - late provisional filing fee or cover sheet.						
Charge Any Additional Charge the Issue Fee Set in	139 130	139 130	Non-English specification						
Fee Required Under 37 C.F.R. § 1.18 at the Mailing 37 C.F.R. §§ 1.16 and 1.17 of the Notice of Allowance	147 2,520	147 2,520	For filing a request for reexamination						
	112 920*	112 920*	Requesting publication of SIR prior to Examiner action						
2. Payment Enclosed:  Check Money Other  Other	113 1,840*	113 1,840							
	115 110	215 55	Extension for reply within first month						
FEE CALCULATION	116 380	216 190	Extension for reply within second month						
1. BASIC FILING FEE	117 870	217 435	Extension for reply within third month						
Large Entity Small Entity	118 1,360	218 680	Extension for reply within fourth month						
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128 1,850	228 925	Extension for reply within fifth month						
101 760 201 380 Utility filing fee 690	119 300	219 150	Notice of Appeal						
106 310 206 155 Design filing fee	120 300	220 150	Filing a brief in support of an appeal						
107 480 207 240 Plant filing fee	121 260	221 130	Request for oral hearing						
108 760 208 380 Reissue filing fee	138 1,510	138 1,510	Petition to institute a public use proceeding						
114 150 214 75 Provisional filing fee	140 110	240 55	Petition to revive - unavoidable						
SUBTOTAL (1) (\$) 690.00	141 1,210	241 605	Petition to revive - unintentional						
2. EXTRA CLAIM FEES	142 1,210	242 605	Utility issue fee (or reissue)						
Fee from Extra Claims below Fee Paid	143 430	243 215	Design issue fee						
Total Claims 27 -20** = 7 × 18 = 126	144 580	244 290	Plant issue fee						
Independent 3 - 3** = 0 x 0 = 0	122 130	122 130	Petitions to the Commissioner						
Multiple Dependent 0 = 0	123 50	123 50	Petitions related to provisional applications	-					
**or number previously paid, if greater; For Reissues, see below	126 240	126 240	Submission of Information Disclosure Stmt	<del>                                     </del>					
Large Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00					
103 18 203 9 Claims in excess of 20	146 760	246 380	Filing a submission after final rejection	+0.00					
102 78 202 39 Independent claims in excess of 3	149 760	249 380	(37 CFR 1.129(a))						
104 260 204 130 Multiple dependent claim, if not paid	143 700	243 300	For each additional invention to be examined (37 CFR 1.129(b))						
109 78 209 39 ** Reissue independent claims over original patent	Other fee (spe	ecify)							
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (spe	ecify)							
SUBTOTAL (2) (\$) 126.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00									
SUBMITTED BY Complete (if applicable)									

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Himanshu S. Amin			Reg. Number	40,894
Signature	2411	Date	9/28/00	Deposit Account User ID	01-0857

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## Atty. Docket No. 00AB154

## RASTER ENGINE WITH PROGRAMMABLE MATRIX CONTROLLED GRAYSCALE DITHERING

by

Gary Dan Dotson and Thomas Lloyd Heidebrecht

I hereby certify that the attached patent application (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date <u>September 28, 2000</u>, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number <u>EF142130698US</u> addressed to the: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Himanshu S. Amin
(Typed or Printed Name of Person Mailing Paper)

(Signature of Person Mailing Paper)